

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/004624

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/15 C07K14/47 A61K38/16 G01N33/574

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, MEDLINE, PAJ, CHEM ABS Data, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>HARRIS D S ET AL: "POLARIZED DISTRIBUTION OF GLUCOSE TRANSPORTER ISOFORMS IN CACO-2 CELLS"</p> <p>PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES, vol. 89, no. 16, 1992, pages 7556-7560, XP002254293</p> <p>1992</p> <p>ISSN: 0027-8424</p> <p>page 7557, column 1, line 4 - line 11</p> <p>page 7557, column 2, paragraph 2; figures 1, 3A</p> <p>page 7559, column 2, last paragraph</p> <p>-----</p> <p>-/--</p>	12

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

19 August 2004

Date of mailing of the international search report

10/09/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>MENDEZ LUIS E ET AL: "Expression of glucose transporter-1 in cervical cancer and its precursors." GYNECOLOGIC ONCOLOGY, vol. 86, no. 2, August 2002 (2002-08), pages 138-143, XP002254294 August, 2002 ISSN: 0090-8258 cited in the application page 140, column 2, line 7 - page 141, column 1, line 2; table 3 page 142, column 1, paragraph 1</p>	12
X	<p>WO 96/41193 A (SINAI SCHOOL MEDICINE ;BURSTEIN DAVID E (US); HABER RICHARD S (US)) 19 December 1996 (1996-12-19) claims</p>	12
A	<p>WO 98/03197 A (UNIV ROCKEFELLER) 29 January 1998 (1998-01-29) page 4, line 34 - page 7, line 2; claims</p>	10, 11
A	<p>WO 92/13946 A (GENELABS INC) 20 August 1992 (1992-08-20) page 26 - page 28</p>	10, 11
X	<p>LAIRMORE M D ET AL: "CHARACTERIZATION OF A B-CELL IMMUNODOMINANT EPITOPE OF HUMAN T-LYMPHOTROPIC VIRUS TYPE 1 (HTLV-I) ENVELOPE GP46" CANCER LETTERS, NEW YORK, NY, US, vol. 66, 14 September 1992 (1992-09-14), pages 11-20, XP000940582 ISSN: 0304-3835 abstract</p>	12
X	<p>TALLET B ET AL: "Sequence variations in the amino- and carboxy-terminal parts of the surface envelope glycoprotein of HTLV type 1 induce specific neutralizing antibodies." AIDS RESEARCH AND HUMAN RETROVIRUSES. UNITED STATES 1 MAR 2001, vol. 17, no. 4, 1 March 2001 (2001-03-01), pages 337-348, XP002254296 ISSN: 0889-2229 page 346, column 2, last paragraph abstract</p>	12
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PCT/EP2004/004624

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	MUECKLER MIKE ET AL: "Identification of an amino acid residue that lies between the exofacial vestibule and exofacial substrate-binding site of the Glut1 sugar permeation pathway." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 272, no. 48, 28 November 1997 (1997-11-28), pages 30141-30146, XP002254295 ISSN: 0021-9258 cited in the application figure 1	
P,X	----- MANEL NICOLAS ET AL: "'GLUT-1 is the receptor of retrovirus HTLV!" MEDECINE SCIENCES : M/S. MAR 2004, vol. 20, no. 3, March 2004 (2004-03), pages 277-279, XP002293056 ISSN: 0767-0974 the whole document	1-15
P,X	----- MANEL NICOLAS ET AL: "The ubiquitous glucose transporter GLUT-1 is a receptor for HTLV." CELL, vol. 115, no. 4, 14 November 2003 (2003-11-14), pages 449-459, XP002293058 ISSN: 0092-8674 the whole document -----	1-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/004624

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9641193	A	19-12-1996	US 5698410 A	16-12-1997
			AU 5990096 A	30-12-1996
			CA 2223010 A1	19-12-1996
			EP 0834077 A1	08-04-1998
			JP 11511245 T	28-09-1999
			WO 9641193 A1	19-12-1996
			US 5897991 A	27-04-1999
<hr/>				
WO 9803197	A	29-01-1998	AU 3807397 A	10-02-1998
			BR 9711809 A	06-11-2001
			CA 2262007 A1	29-01-1998
			EP 0942748 A1	22-09-1999
			JP 2002513381 T	08-05-2002
			WO 9803197 A1	29-01-1998
<hr/>				
WO 9213946	A	20-08-1992	US 5614366 A	25-03-1997
			AU 667189 B2	14-03-1996
			AU 1564492 A	07-09-1992
			CA 2100586 A1	09-08-1992
			EP 0570509 A1	24-11-1993
			JP 3439208 B2	25-08-2003
			JP 6508503 T	29-09-1994
			KR 242596 B1	01-02-2000
			SG 49843 A1	15-06-1998
			US 5643714 A	01-07-1997
			WO 9213946 A1	20-08-1992
			US 5928861 A	27-07-1999
			US 5814441 A	29-09-1998
			US 5871933 A	16-02-1999
			US 5763572 A	09-06-1998
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